Exhibit 34

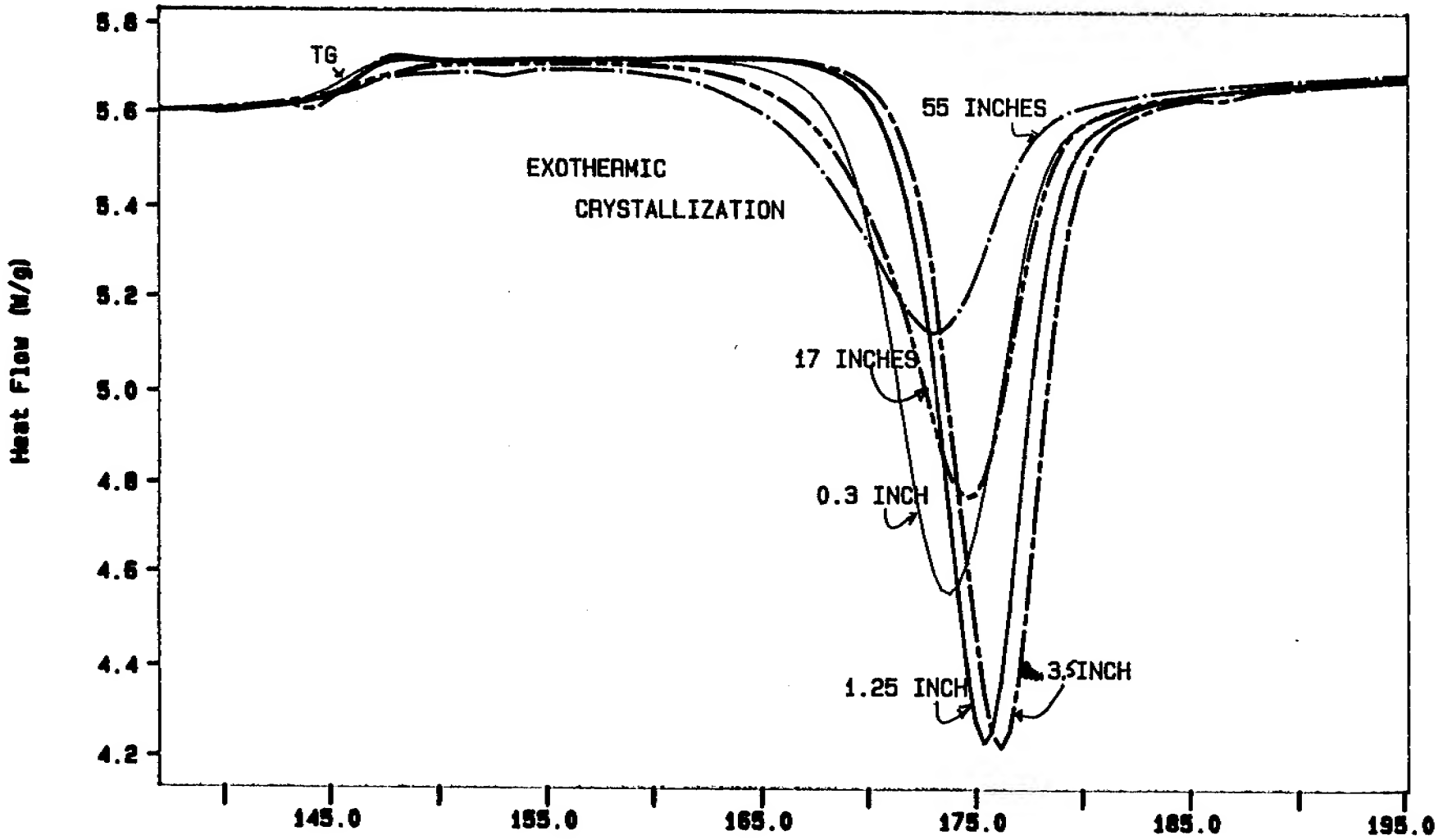
MATERIAL ANALYZED: Peek Tubing Samples For Study of Different Air Gaps Used During Extrusion

DSC Scanning Rate : 20°C/Minute
Temp 1 : 25°C
Temp 2 : 375°C

MATERIAL ANALYZED	Sample No.	Wt mg	Tg °C	EXOTHERM CRYST. Tcc °C	EXOTHERM CRYST. ΔHcc J/G	MELTING PEAK Tm °C	MELTING PEAK ΔH J/G	ΣΔH (ΔH-ΔHcc) J/g
1. Air Gap =0.3 Inch								
	A	4.34	145.1	173.70	25.51	338.20	38.40	12.89
	B	4.48	145.6	173.70	24.80	338.40	37.60	12.80
Average		**4.41**	**145.35**	**173.70**	**25.16**	**338.30**	**38.00**	**12.85**
2. Air Gap =1.25 Inch								
	A	4.25	146.0	175.50	25.72	337.90	39.15	13.43
	B	4.53	145.6	175.40	26.18	337.30	42.10	15.92
Average		**4.39**	**145.80**	**175.45**	**25.95**	**337.60**	**40.63**	**14.68**
3. Air Gap= 3.5 Inches								
	A	4.30	146.30	176.12	27.43	338.01	38.56	11.13
	B	4.42	145.70	176.70	26.50	338.00	38.57	12.07
Average		**4.36**	**146.00**	**176.41**	**26.97**	**338.01**	**38.57**	**11.60**
4. Air Gap= 17 Inches								
	A	4.25	145.1	174.70	24.34	337.30	38.91	14.57
	B	4.41	145.3	174.60	23.90	337.60	38.20	14.30
Average		**4.33**	**145.20**	**174.65**	**24.12**	**337.45**	**38.56**	**14.44**
5. Air Gap= 55 Inches								
	A	4.25	145.5	173.30	17.28	337.60	38.28	21.00
	B	4.37	145.4	173.30	17.10	337.30	39.34	22.24
Average		**4.31**	**145.45**	**173.30**	**17.19**	**337.45**	**38.81**	**21.62**

L. S. Mariano/5-23-94

Curve 1: DSC
File info: 1.25A Fri May 20 10:46:15 1994
Sample Weight: 4.251 mg
PEEK TUBING, AIR GAP STUDY



TEMP1: 33.8 C TIME1: 1.0 min RATE1: 80.0 C/min
TEMP2: 378.8 C

lucy mariano
PERKIN-ELMER
7 Series Thermal Analysis System
Mon May 23 13:25:25 1994

	peek data								
	ACS and Acutech shafts								
	rev date 5/19/94								
ext no	ext date	nom id [mil]	nom od [mil]	water id [mil]	basis wt	density [gm/cm^3]	nominal area [in^2]	ave dim area [in^2]	enthalpy of crystallization [J/gm]
amorphous						1.263			
semi crys		equil vol% cryst = 0.37;			rho=1.27 for 10C/min; rho=1.30 for 1C/min				
crystalline						1.401			
Acutech	1st samp-im	19.0	25.5				2.27E-04		
10-542									
10-543	3/10/94	32.0	37.0	32.39	0.7387	~~1.257~~	2.71E-04	3.04E-04	
543-rep						~~1.257~~			
10-544	3/10/94	18.0	23.0	17.98	0.4058	~~1.257~~	1.61E-04	1.67E-04	
544-rep						~~1.257~~			
Acutech	02-149-r2	32.5	39.5	32.97	1.0366	~~1.268~~	3.96E-04	4.23E-04	20.6
Acutech-rep						~~1.268~~			
Acutech-ht	200C/30min				1.1015	~~1.288~~		4.42E-04	
10-552	3/25/94	30.0	37.0		0.6858	~~1.253~~	3.68E-04	2.83E-04	23.6
552 rep						~~1.253~~			
10-553	3/25/94	30.0	38.0		0.7636	~~1.253~~	4.27E-04	3.15E-04	24.4
553-rep						~~1.253~~			
10-553ht	200C/30min				0.8320	~~1.280~~		3.36E-04	
10-554	3/25/94	33.0	39.0		0.7033	~~1.270~~	3.39E-04	2.86E-04	14.2
554rep									
10-554ht	200C/30min				0.6889	~~1.289~~		2.76E-04	
10-581					0.7696	~~*1.255*~~		3.17E-04	
10-ag3	5/17/94	32.0	38.0	33.40	0.6347	1.266	3.30E-04	2.59E-04	
10-ag1	5/17/94	32.0	38.0	34.63	0.7555	*1.27*	3.30E-04	3.07E-04	
10-ag2	5/17/94	32.0	38.0	32.15	0.7485	1.277	3.30E-04	3.03E-04	
10-ag4	5/17/94	32.0	38.0	33.12	0.6407	*1.285*	3.30E-04	2.58E-04	
10-ag5	5/17/94	32.0	38.0	33.60	0.6127	*1.300*	3.30E-04	2.43E-04	
	density in strikeout = low estimate 1 purge								
	density in italics = estimate, not measured								
	density in standard font = 2 purge data								

	extrusion conditions												
	die geometry											nominal	
ext no	id	od	wb dist	screw	addr	rpm	p-spd	die press set	ext amp	ext zones	die	melt	drying
	mil	mil	in				ft/min						
amorphous													
semi crys													
crystalline													
Acutech													
10-542	27	58	0.4	low out		8	40	558	7	530/600/720	700	763	300/12
10-543	72	94	0.25	cr110393-1	9	6	65	2121	9.4	565/670/720	720	784	280/48
543-rep													
10-544	72	94	1	cr110393-1	17	6	65	1943	8.9	565/670/720	720	784	280/48
544-rep													
Acutech													
Acutech-rep													
Acutech-ht													
10-552	72	98	0.6	cr110393-1	12	10	41	1875	8.9	570/680/720	720	800	250/12
552 rep													
10-553	72	98	0.6	cr110393-1	11	10	41	1803	9.6	570/680/731	730	801	250/12
553-rep													
10-553ht													
10-554	72	98	76	cr110393-1	12	11	41	1803	8.6	570/680/710	710	800	250/12
554rep													
10-554ht													
10-581	72	94	0.7	pe4770-3	9	11	92	1391	10.1	565/670/730	730	810	320/3
10-ag3	72	94	0.3	?		4	75	2697		575/650/670	673	756	250/96
10-ag1	72	94	1.25	?		4	75	2842		575/650/670	673	756	250/96
10-ag2	72	94	3.5	?		4	75	2890		575/650/670	673	756	250/96
10-ag4	72	94	17	?		4	75	2812		575/650/670	673	756	250/96
10-ag5	72	94	55			4	75	2620		575/650/670	673	756	250/96

	room temperature data										
	strain rate = 0.1 min^-1					strain rate = min^-1					
ext no	nom Et [kpsi]	ave dim Et	nom sy [kpsi]	ave dim sy	ey [in/in]	sb/max [kpsi]	ave dim sb/max	eb/max [in/in]	comments		nominal
amorphous	380	380									
semi crys	460	460									
crystalline											
Acutech	385		8.03		0.03	8.4		0.71	ok for prox lm/om; too stiff for distal		
10-542											
10-543	415	370	8.25	7.36	0.03	19.5	17.4	1.31			
543-rep		350		7.63	0.03						
10-544	392	378	7.91	7.64	0.03	22.4	21.6	2.01	1/2 samples rt ult fx early		
544-rep		377		7.62	0.03						
Acutech	416	390	9.49	8.89	0.03	15.4	14.5	0.56	water od =	40.24	
Acutech-rep		415		8.86	0.03						
Acutech-ht		528		12.40	0.03						
10-552	275	358	5.79	7.54	0.03	15.9	20.7	2.28	8C water cooled		
552 rep		357		7.28	0.03						
10-553	258	350	5.47	7.42	0.03	16.2	21.9	2.86	70C water cooled		
553-rep		373		7.48	0.03						
10-553ht		421		11.90	0.04						
10-554	339	402	7.31	8.67	0.03	18.3	21.7	2.62	air cool		
554rep		422		8.83	0.03						
10-554ht		506		11.80	0.03						
10-581		362		7.45	0.03						
10-ag3	281	358	6.13	7.81	0.03	16.5	21.0	1.78	min		
10-ag1	320	343	6.98	7.49	0.03	19.4	20.8	1.99			
10-ag2	317	345	6.89	7.50	0.02	21.8	23.7	3.00	varlations in		
10-ag4	290	371	5.89	7.54	0.03	18.1	23.2	2.92	water bath distance		
10-ag5	300	406	6.76	9.16	0.03	17.3	23.4	2.43	max		
	nominal values based on nominal dimensions										
	ave values based on length-averaged area from basis + density										